

THE PATENT AND TRADEMARK OFFICE IS RESPECTFULLY REQUESTED TO PLACE ITS STAMP ON THIS POSTAL CARD AND PLACE IT IN THE OUTGOING MAIL TO SHOW THE FOLLOWING PAPERS HAVE BEEN RECEIVED.

margie  
LEYDIG, VOIT & MAYER LTD  
CHICAGO, IL 60601-6780

DATE INVOICE NUMBER  
02/17/2000 161192/NIH

Saavedra et al. U.S. Serial No. 08/837,812  
AMENDMENT - Certificate of Mailing

Form PTO-1083

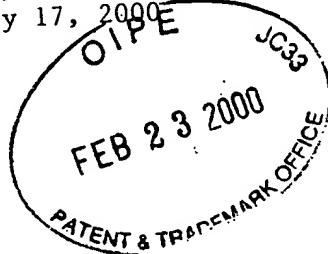
\$380.00 check - two-month extension fee

Due Date: February 17, 2000

Mailed: February 17, 2000

Case 161192

BMG/mjc



LH

CHECK DATE CHECK NUMBER  
02/17/2000 000122022

TOTAL 380.00

\* ORIGINAL DOCUMENT IS PRINTED ON CHEMICAL REACTIVE PAPER & HAS A MICROPRINTED BORDER. \*

122022

LEYDIG, VOIT & MAYER LTD.  
180 N. STETSON TWO PRUDENTIAL PLAZA  
SUITE 4900 • CHICAGO, IL 60601-6780  
PH (312) 616-5600

AMERICAN NATIONAL BANK  
AND TRUST COMPANY OF CHICAGO  
CHICAGO, IL 60690

2-77/710

PAY: Three Hundred Eighty and No/100 Dollars

NUMBER 000122022 DATE 02/17/2000 AMOUNT \*\*\*\*\*380.00

TO THE ASSISTANT COMMISSIONER FOR PATENTS

R  
OF

LEYDIG, VOIT & MAYER LTD.  
AUTHORIZED SIGNATURES

Gordon L. Voit  
Mark E. Phelps

\* THE REVERSE SIDE OF THIS DOCUMENT INCLUDES AN ARTIFICIAL WATERMARK - HOLD AT AN ANGLE TO VIEW. \*

122022 10710007701 00885975\*

In re Application of: Saav dra et al.  
 Serial No. 08/837,812  
 Filed: April 22, 1997  
 For: Biopolymer-Bound Nitric Oxide-Releasing Compositions, Pharmaceutical Compositions Incorporating Same and Methods of Treating Biological Disorders Using Same

**ASSISTANT COMMISSIONER FOR PATENTS**  
**Washington, D.C. 20231**

Sir:

Transmitted herewith is a response to an office action in the subject application.

Small entity status of this application under 37 C.F.R. §§ 1.9 and 1.27 has been established by a verified statement previously submitted.

A verified statement to establish small entity status under 37 C.F.R. §§ 1.9 and 1.27 is enclosed.

**Petition For Extension Of Time**

Applicant(s) petitions for a two-month extension of time under 37 C.F.R. § 1.136, the fee for which is \$380.00 (enclosed).

Applicant(s) believes that no petition for an extension of time is necessary. However, to the extent that such petition is deemed necessary, applicant(s) hereby petition for a sufficient extension of time to render the present submission timely. Please charge Deposit Account No. 12-1216 for the appropriate petition fee.

No additional claim fee is required.

Other:

The claim fee has been calculated as shown below:

				SMALL ENTITY		OTHER THAN A SMALL ENTITY	
CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	EXTRA CLAIMS PRESENT	RATE	ADDITIONAL CLAIM FEE	RATE	ADDITIONAL CLAIM FEE
TOTAL		MINUS	=	x 9=	\$	x 18=	\$
INDEPENDENT		MINUS	=	x 78=	\$	x 39=	\$
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE CLAIM				+ 260=	\$	+ 130=	\$
				TOTAL	\$	TOTAL	\$

Please charge my Deposit Account No. 12-1216 in the amount of \$ . A duplicate copy of this sheet is attached.

A check in the amount of \$380.00 is attached for a two-month extension of time.

The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 12-1216. A duplicate copy of this sheet is attached.

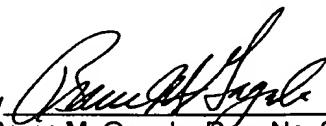
Any filing fees under 37 C.F.R. § 1.16 for the presentation of extra claims.

Any patent application processing fees under 37 C.F.R. § 1.17.

Respectfully submitted,

LEYDIG, VOIT & MAYER, LTD.

Leydig, Voit & Mayer, Ltd.  
 Two Prudential Plaza, Suite 4900  
 180 North Stetson  
 Chicago, Illinois 60601-6780  
 (312) 616-5600 (telephone)  
 (312) 616-5700 (facsimile)

By   
 Bruce M. Gagala, Reg. No. 28,844  
 One of the Attorneys for Applicant(s)

PATENT

Attorney Docket No. 161192

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Saavedra et al.

Serial No. 08/837,812

Group Art Unit: 1502

Filed: April 22, 1997

Examiner: P. Kulkosky

For: Biopolymer-Bound Nitric  
Oxide-Releasing Compositions,  
Pharmaceutical Compositions  
Incorporating Same And Methods  
Of Treating Biological  
Disorders Using Same.

**AMENDMENT**

Assistant Commissioner For Patents  
Washington, D.C. 20231

Dear Sir:

In response to the Office Action dated September 17, 1999,  
please enter the following amendments and consider the  
following remarks.

**AMENDMENTS**

**IN THE CLAIMS:**

1. (Amended) A polymeric composition capable of releasing nitric oxide, said composition comprising (i) a biopolymeric backbone wherein said backbone is of [an oligonucleotide, a nucleic acid,] a tissue-specific antibody or fragment thereof, a cell-specific antibody or fragment thereof, a tumor-specific antibody or fragment thereof, a protein containing a recognition sequence for a receptor-ligand interaction favorable to [tumor] cell or tissue selective attachment, an anti-chemotactic agent, or a hormone, wherein said backbone includes at least one amino group or at least one carboxyl group or combinations thereof, and (ii) at least one nitric oxide-releasing  $N_2O_2^-$  functional group selected from the group consisting of  $X\{O\}NO$  and  $[N(O)NO]X$ , wherein X is an organic moiety covalently bonded to said  $[N_2O_2^-]$ , and wherein the  $[N_2O_2^-]$  group is covalently bonded in said polymeric composition at one